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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Richard Harold Boivie

Serial No.: 09/433,239

Group Art Unit: 2633

Filed: November 4, 1999

Examiner: Shi K. Li

For: OPTICAL INTERNET PROTOCOL SWITCH AND METHOD THEREFOR

Honorable Commissioner of Patents

Washington, D.C. 20231

BOX AF

AMENDMENT UNDER 37 C.F.R. § 1.116

Sir:

In response to the Final Office Action dated November 29, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Twice Amended) An optical switch for a network having a plurality of nodes, comprising:
- a switch coupled to communications links used for input and output in which a plurality of wavelengths are used to carry traffic on a communications link, said switch comprising a light beam steering mechanism for directing said traffic; and
 - a controller, coupled to the switch, for controlling the operation of the switch by implementing a routing protocol and exchanging routing information with other nodes, and implementing a labeling protocol that associates a label with a destination, said label comprising at least one of a wavelength and a fiber number,
- wherein the controller controls the switch to direct the various wavelengths of traffic from an input link to an appropriate output link as determined by the routing protocol and the labeling protocol.

2. (Amended) The optical switch according to claim 1, further comprising:

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